## JC10 Rec'd PCT/PTO 0 1 JUN 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER

| T   |  | NSMITTAL LETTE  | HO-P03177US0                                       |                     |  |  |  |  |  |  |  |  |
|---|--|---|--|---------------------|--|--|--|--|--|--|--|--|
| CC  |  |   | STED OFFICE (DO/E<br>ISSION UNDER 35               |                     | 10/537045 37 CFR 1.5)  |  |  |  |  |  |  |  |
| INTER                                     | NATIC  | ONAL APPLICATION NO   | . INTERNATIONAL FI                                 | LING DATE           | PRIORITY DATE CLAIMED  |  |  |  |  |  |  |  |
| TITLE                                     | ITLE OF INVENTION Mold Jaw Half for an Apparatus for the Production of Transversely Ribbed Tubes   |   |  |                     |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Gunther Hofmann |  |   |  |                     |  |  |  |  |  |  |  |  |
| Applica                                   | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                    |   |  |                     |  |  |  |  |  |  |  |  |
| 1. 2                                      | x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.   |   |  |                     |  |  |  |  |  |  |  |  |
| 2.  | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.  |   |  |                     |  |  |  |  |  |  |  |  |
| 3.  | This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |  |                     |  |  |  |  |  |  |  |  |
| 4.  | The US has been elected (Article 31).  |   |  |                     |  |  |  |  |  |  |  |  |
| 5.  | C A c  | A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |  |                     |  |  |  |  |  |  |  |  |
| а   | ı.   | is attached hereto (required only if not communicated by the International Bureau).                               |  |                     |  |  |  |  |  |  |  |  |
| b   | . <b>x</b>   | x has been communicated by the International Bureau.  |  |                     |  |  |  |  |  |  |  |  |
| С   |  | is not required, as the application was filed in the United States Receiving Office (RO/US).                      |  |                     |  |  |  |  |  |  |  |  |
| , 6. 2                                    | ζAn  | An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).                 |  |                     |  |  |  |  |  |  |  |  |
| a   | X  |   |  |                     |  |  |  |  |  |  |  |  |
| <sub>i</sub> b                            |  | has been previously s   | ıbmitted under 35 U.S.C. 1                         | 154(d)(4).          |  |  |  |  |  |  |  |  |
| 7. 🔀                                      | ζ Am   | nendments to the claims   | of the International Applic                        | ation under PCT A   | Article 19 (35 U.S.C. 371 (c)(3))                                |  |  |  |  |  |  |  |
| а   |  | are attached hereto (required only if not communicated by the International Bureau).                              |  |                     |  |  |  |  |  |  |  |  |
| b   | . 🗀  | have been communica   | ted by the International Bu                        | ıreau.              |  |  |  |  |  |  |  |  |
| С   |  | have not been made; however, the time limit for making such amendments has NOT expired.                           |  |                     |  |  |  |  |  |  |  |  |
| d   | . 🗶  | have not been made a  | nd will not be made.                               |                     |  |  |  |  |  |  |  |  |
| 8.  | An   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).      |  |                     |  |  |  |  |  |  |  |  |
| 9.  | ⟨ An   | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |                     |  |  |  |  |  |  |  |  |
| 10.                                       | <b>∢</b> An<br>Art   | English language trans<br>icle 36 (35 U.S.C. 371 (  | lation of the annexes of the c)(5)).               | e International Pre | liminary Examination Report under PCT                            |  |  |  |  |  |  |  |
| Items                                     | 11 to  | 20 below concern de   | ocument(s) or informati                            | ion included:       |  |  |  |  |  |  |  |  |
| 11.                                       | An   | Information Disclosure  | Statement under 37 CFR                             | 1.97 and 1.98.      |  |  |  |  |  |  |  |  |
| 12.                                       | An   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. |  |                     |  |  |  |  |  |  |  |  |
| 13. x                                     | Ap   | A preliminary amendment.  |  |                     |  |  |  |  |  |  |  |  |
| 14. x                                     | An   | An Application Data Sheet under 37 CFR 1.76.  |  |                     |  |  |  |  |  |  |  |  |
| 15.                                       | As   | A substitute specification.   |  |                     |  |  |  |  |  |  |  |  |
| 16.                                       | Αp   | A power of attorney and/or change of address letter.  |  |                     |  |  |  |  |  |  |  |  |
| 17.                                       | Ac   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.    |  |                     |  |  |  |  |  |  |  |  |
| 18.                                       | As   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).                               |  |                     |  |  |  |  |  |  |  |  |
| 19.                                       | As   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).     |  |                     |  |  |  |  |  |  |  |  |
| 20. x                                     | Oth  | ner items or information:   | Specification (9 pages)<br>Return Receipt Postcard |                     | ranslation (8 pages)<br>Franslation with amended pages (5 pages) |  |  |  |  |  |  |  |

JC20 Rec'd PCT/PTO 01 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.   |   |         |                                   |  |                                 |   |                                       |   | AT           | ATTORNEY'S DOCKET NUMBER |             |  |  |
|---|---|---------|-----------------------------------|--|---------------------------------|---|---------------------------------------|---|--------------|--------------------------|-------------|--|--|
| THE 0.15-37.045 bmitted   |   |         |                                   |  |                                 |   |                                       |   |              | HO-P03177US0             |             |  |  |
|   |   |         |                                   |  |                                 |   |                                       | <u> </u>                                | CALCULATIONS | PTO USE ONLY             |             |  |  |
| 21. <u>x</u>  | Basi  | c natio | onal fee                          |  |                                 |   |                                       | \$300                                   | \$           | 300.00                   |             |  |  |
| 22. x   | Exar  | ninatio | on fee                            |  |                                 |   |                                       |   | 1            |                          |             |  |  |
| If International preliminary examination report prepared by USPTO and all claims satisfy  |   |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| provisions of PCT Article 33(1)-(4)   |   |         |                                   |  |                                 |   |                                       |   |              | 200.00                   |             |  |  |
| 23. x   | <del>-</del>  | ch fee  |                                   | 1  |                                 | · · · · · · · · · · · · · · · · · · ·               |                                       |   |              |                          |             |  |  |
| ·   | Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| 1 .   | JSPTO   | as an   | International So                  |  |                                 |   |                                       |   |              |                          |             |  |  |
| International Search Report prepared and provided to the Office \$400 All other situations \$500  |   |         |                                   |  |                                 |   |                                       |   |              | 500.00                   |             |  |  |
|   |   |         | TOTAL OF 21                       |  |                                 |   |                                       | *************************************** | \$<br>\$     | 1,000.00                 | <u> </u>    |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding   |   |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |   |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| ·   |   |         |                                   | <u>`</u>   |                                 | ach additional 50 d                                 | or fraction                           | RATE                                    | 1            |                          |             |  |  |
| Total SI  |   | E)      | xtra sheets there                 |  | eof (round up to a whole number |   | <u> </u>                              | 4                                       |              |                          |             |  |  |
|   | - 100 =   |         |                                   | /50 = x \$250.00 furnishing the oath or declaration later than 30 months |                                 |   |                                       |   | ┿            |                          |             |  |  |
|   |   |         | tor turnishing<br>d priority date |  |                                 |   | an 30 mont                            | ins                                     | \$           |                          |             |  |  |
|   | AIMS  |         | NUMBER F                          | <del>`</del>   |                                 | MBER EXTRA  | F                                     | RATE                                    | $\top$       |                          | <u> </u>    |  |  |
| Tota  | l claims  | 3       | 4 -                               | 20 =   |                                 |   |                                       |   | \$           | 0.00                     |             |  |  |
| Independ  | lent cla  | ims     | . 1                               | -3 =   |                                 |   | x                                     |   | \$           | 0.00                     |             |  |  |
| MULTIPL   | E DEP   | ENDE    | NT CLAIM(s)                       | (if applic   | able)                           |   | +                                     |   | \$           |                          |             |  |  |
|   |   |         |                                   |  | ТС                              | TAL OF ABOVE  | CALCUL                                | ATIONS =                                | \$           | 1,000.00                 |             |  |  |
| Ap:   | plicant o   | claims  | small entity sta                  | itus. See  | 37 CF                           | FR 1.27. Fees abo                                   | ove are red                           | uced by 1/2.                            | \$           |                          |             |  |  |
|   |   |         |                                   |  |                                 |   | SUE                                   | STOTAL =                                | \$           | 1,000.00                 |             |  |  |
|   |   |         |                                   |  |                                 | translation later th                                | an 30 monti                           |   | s            |                          |             |  |  |
| from the  | earliest  | claim   | ed priority date                  | (37 CFR  | 1.492                           | ***   |                                       | +                                       | 1_           |                          |             |  |  |
| TOTAL NATIONAL FEE =  |   |         |                                   |  |                                 |   |                                       |   |              | \$ 1,000.00              |             |  |  |
|   |   |         |                                   |  |                                 | .21 (h)). The assig<br>3.28, 3.31). <b>\$40.0</b> 6 |                                       |   | \$           |                          |             |  |  |
|   |   |         |                                   |  |                                 | · · · · · · · · · · · · · · · · · · ·               | FEES ENC                              | <del></del>                             | s            | 1,000.00                 |             |  |  |
|   |   |         |                                   |  |                                 |   | · · · · · · · · · · · · · · · · · · · |   | Ā            | mount to be              | c           |  |  |
|   |   |         |                                   |  |                                 |   |                                       |   |              | funded:                  | \$          |  |  |
|   |   |         |                                   |  |                                 |   |                                       |   |              | mount to be<br>harged:   | \$          |  |  |
| a. 🔽  | <u> </u>  |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| a. L  | A ch  | eck in  | the amount of                     | r \$   |                                 | 00.000,1  | to cover th                           | ne above fee:                           | s is e       | enclosed.                |             |  |  |
| b.  | Pleas   | se cha  | arge my Depos                     | sit Accou  | ınt No.                         |   | i                                     | n the amount                            | t of         | \$                       |             |  |  |
|   | to co   | ver th  | e above fees.                     | A duplic   | cate co                         | opy of this sheet i                                 | is enclosed                           | l <b>.</b>                              |              |                          |             |  |  |
| с. Гх   | The   | Comm    | nissioner is he                   | reby aut   | horize                          | d to charge any a                                   | additional fe                         | ees which ma                            | y be         | required, or credit a    | ny          |  |  |
| -   | _<br>overp  | oayme   | ent to Deposit                    | Account  | No.                             | 06-2375   | . A du                                | plicate copy                            | of thi       | s sheet is enclosed.     |             |  |  |
| d.  | Fees  | are to  | he charged t                      | o a cred   | it card                         | WARNING: In   | <br>formation o                       | on this form n                          | nav I        | pecome public. Cred      | lit card    |  |  |
| <sup>u.</sup> ∟   |   |         | _                                 |  |                                 |   |                                       |   | -            | and authorization or     |             |  |  |
| NOTE:   |   |         |                                   |  |                                 |   |                                       |   |              | vive (37 CFR 1.137 (a    |             |  |  |
|   |   |         |                                   |  |                                 | tional Application                                  |                                       |   | /            |                          |             |  |  |
| SEND A  | ALL CO  | RRES    | SPONDENCE                         | TO:  |                                 |   |                                       | (                                       |              |                          |             |  |  |
|   |   |         |                                   |  |                                 |   |                                       |   |              |                          | <del></del> |  |  |
| 1 Jan I. Campoon  |   |         |                                   |  |                                 |   |                                       |   |              | Simpson                  |             |  |  |
| Fulbright Tower NAME  |   |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| 1301 N  |   |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
|   |   |         | 77010-3095                        |  |                                 |   |                                       |   |              | ,283                     |             |  |  |
| 1 ' '   | (713) 651-5383 REGISTRATION NUMBER CUSTOMER NUMBER: 26271                             |         |                                   |  |                                 |   |                                       |   |              |                          |             |  |  |
| LUSI  | OMER  | NUN     | IDEK: 262/                        | l<br>  |                                 |   |                                       |   |              |                          |             |  |  |

Application No. (if known): Not Yet Assigned

Attorney Docket No.: HO-P03177US0

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV671533698US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on June 1, 2005

Signature
Cathy Callen
Typed or printed name of person signing Certificate

@@@ (713) 651-5460
Registration Number, if applicable Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)

Specification (9 pages) Drawings (4 sheets)

Oath or declaration of the inventor(s) (1 page)

Application Data Sheet (2 pages) Preliminary Amendment (5 pages) Check in the amount of \$1,000.00 Verification of Translation (8 pages)

Verification of Translation with Amended Pages (5 pages)